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DCR-SR87

80GB HDD camcorder with 1MP CCD imager

With a built-in 80GB[1] hard disk drive, the Sony® DCR-SR87 Handycam® camcorder eliminates the need for tapes or discs. The 1 megapixel Advanced HAD™ CCD image sensor and professional-quality Carl Zeiss® 25x optical zoom lens deliver clear, sharp images, and Hybrid recording technology offers the flexibility to record video to the hard drive or Memory Stick PRO Duo™ media.

- 80GB hard disk drive:
  A built-in 80GB[1] hard disk drive can record and store up to 56 hours of video footage in SD LP mode. In addition, "HDD Smart Protection" gives you peace of mind by preventing any recorded video and images from being lost if the camcorder is accidentally dropped.
- 1/6" Advanced HAD™ CCD Imager:
  A 1/6" Advanced HAD™ (Hole Accumulation Diode) CCD Imager with (effective) pixels provides stunning detail and clarity for exceptional video and still image performance.
- Carl Zeiss® Vario-Tessar® lens with SteadyShot™ :
  The DCR-SR87 features a professional-quality Carl Zeiss® Vario-Tessar® lens designed specifically for compact camcorders. Precision ground optics help maintain the sharpness and contrast of larger lenses, and SteadyShot™ image stabilization helps reduce blur caused by camera shake.
- Hybrid Recording to HDD or Memory Stick Duo™ media:
  Hybrid recording technology delivers a new level of flexibility of capturing and transferring your video footage and digital photos from the camcorder to compatible viewing devices. Record to 80GB[1] hard disk drive or choose instead to record to removable Memory Stick PRO Duo™ media (sold separately). You can even select from various dubbing functions to easily copy video or still images from the HDD to the Memory Stick® media -- without using a PC.
- Direct connection with DVD burner (sold separately):
  The DCR-SR87 supports a direct connection with the VRD-P1 DVD burner (sold separately), which allows you to burn DVDs directly from your camcorder without the need for a PC. And because the VRD-P1 is powered by your camcorder, you don't need an additional AC power cable.
- 25X Optical / 2000X Digital Zoom:
  25X optical zoom help you capture close-up action while keeping your distance. In addition, Digital Zoom Interpolation means that extreme digital zooming (up to 2000X) is clearer, with less distortion than previous types of digital zooms.
- 2.7" wide touch panel[3] LCD display (123k pixels):
  The 2.7" wide touch panel[3] LCD display provides exceptional viewing clarity with 123K pixels resolution. The display rotates up to 270 degrees for multiple viewing angles, as well as provides sharp, detailed images for monitoring or playback. The convenient touch panel allows easy access to menus and additional functionality such as spot focus and spot metering.
- Power On by opening LCD display:
  Power on your camcorder by simply opening the LCD display.
- Dolby® Digital 5.1ch recording with Built-in Zoom Mic:
  Dolby® Digital 5.1 channel recording captures active sounds coming from all directions, so you can experience your home movies the way you experienced them while recording. The Built-In Zoom Mic focuses audio recording on your subjects in sync with the camera's zoom lens.
- Includes Sony® PMB (Picture Motion Browser) software:
  Sony Picture Motion Browser software offers a simple, intuitive way to transfer, sort, and view your video and still images on your compatible PC. In addition, multiple output options let you burn your memories to DVD (sold separately), as well as take advantage of one click upload to a number of popular video and photo sharing sites[9] .
- Record and zoom controls on LCD frame:
  The DCR-SR87 features an additional set of record and zoom buttons on the frame of the LCD screen, give you more control and flexibility when holding the camcorder, especially in overhead or low angle shots.
- One Touch Disc Burn:
  Easily burn a DVD copy of your footage using the supplied PMB (Picture Motion Browser) software[9] . Simply connect the camcorder to your compatible PC via a USB cable and press the One Touch Disc Burn Button.12
- Easy Handycam® Button:
  Using a camcorder can be intimidating for some people. With a press of the Easy Handycam Button, most of the advanced features of the camcorder are "locked out," letting you focus only the buttons essential for recording.

ADDITIONAL FEATURES

- Film Roll Index:
- Face Index function:
- USB 2.0 interface:

HARD DISK DRIVE

Exmor CMOS Sensor

ZEISS

DOLBY DIGITAL 5.1 CREATOR

PMB Picture Motion Browser

2.7" WIDE LCD Monitor

HDD Smart Protection

HI-SPEED USB USB 2.0

InfoLITHIUM

HANDYCAM

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Specifications

General

Imaging Device: 1/6" Advanced HAD™ CCD sensor

Pixel Gross: 1070K

Recording Media: 80GB Non-Removeable Hard Disk Drive Memory Stick PRO Duo™ Media (Sold Separately)

Recording and Playback Times: Standard Definition: HQ = up to 1180 min., SP = up to 1750 min., LP = up to 3360 min.
When using 16GB Memory Stick PRO Duo® Media (sold separately): Standard Definition: HQ = up to 230 min., SP = up to 340 min., LP = up to 655 min.

Still Actual: 750K pixels (16:9), 1000K pixels (4:3)

Video Resolution: 720 x 480

Still Picture Resolution: 1 megapixel

Audio

Recording Format: Dolby® Digital 5.1

Microphone: Built-in Zoom Microphone

Convenience

Still Image Mode(s): JPEG

Hybrid: Yes

Scene Mode(s): Auto, Twilight, Twilight Portrait, Candle, Sunrise & Sunset, Fireworks, Landscape, Portrait, Spotlight, Sports, Beach, Snow

Face Index: Yes

Film Roll Index: Yes

Slide Show Mode: Yes

Exposure: Yes (Touch Panel)

Removable Flash Media Compatibility: Memory Stick PRO Duo™ Media (Sold Separately)

Convenience Features

Multiple Language Display: Yes

Manual / Auto Lens Cover: Manual

S/S & Zoom button on LCD: Yes

Fader Effect(s): Black, White

Inputs and Outputs

Analog Audio/Video Output(s): Included (via A/V Remote Terminal)

USB Port(s): Hi-speed (2.0 compliant)

S-Video Output(s): Sold separately (via A/V Remote jack)

Audio/Video Remote Terminal: Video / S Video / Audio

LCD Display

LCD Type: 2.7" wide touch panel[3] LCD display (123k pixels)

Hardware

Media Card slot: Memory Stick PRO Duo™ Media[1]

Optics/Lens

35mm Equivalent: 41-1189mm (16:9), 43-1075mm (4:3)

Aperture: F1.8-3.2

Filter Diameter: 30mm

Focal Distance: 2.5 - 62.5mm

Focus: Full range Auto / Manual (Touch Panel)

Shutter Speed: Auto (Slow Shutter ON) 1/30 - 1/500; Auto (Slow Shutter OFF) 1/60 - 1/500

Optical Zoom: 25x

Digital Zoom: 2000x

Resolution: 1 megapixel

Lens Type: Carl Zeiss® Vario-Tessar®

Power

Battery Type: InfoLITHIUM® with AccuPower™ Meter System (NP-FH50)

Power Requirements: 7.2V (battery pack); 8.4V (AC Adaptor)

Power Consumption (in Operation): 2.5W

Software

Operating System Compatibility: Microsoft Windows XP SP3* / Windows Vista SP1**
* 64-bit editions and Starter (Edition) are not supported.
** Starter (Edition) is not supported.
• Standard installation is required.
• Operation is not assured if the above OS has been upgraded or in a multi-boot environment.

Supplied Software: PMB Ver.4.2.00 Supports Windows 2000 Professional Service Pack4 (SP4), Windows XP Service Pack3 (SP3)(32bit)
Windows Vista Service Pack1 (SP1)(32bit/64bit). Not supported by Mac OS

Video

Format: SD (MPEG2)

Video Signal: NTSC color, EIA standards

Advanced Features

Image Stabilization: SteadyShot™ image stabilization

Exposure System

Minimum Illumination: 8 lux
(Auto Slow Shutter On, 1/30 Shutter Speed)

Recording

Video Actual (Pixel): 670K pixels (16:9), 690K pixels (4:3)

Photo Capture from Movie: Yes

Dimensions

Weight: w/o battery: 10oz (300g), w battery 12oz (350g)

Measurements: 2 3/8 x 2 3/4 x 4 1/2 inch (60 x 68 x 112mm)

Service and Warranty Information

Limited Warranty Term: Limited Warranty --- 1 Year Parts; 90 Days Labor

Supplied Accessories

AC adaptor (AC-L200)

Rechargable Battery Pack (NP-FH50)

A/V Connecting Cable

Application Software / USB Driver / (CD-ROM)

USB Cable

Optional Accessories

Rechargeable InfoLITHIUM Batteries (NP-FH50/FH70/FH100)

Case (LCS-BBDB/R/L, LCS-AJA)

Starter Kit (ACC-ASH6)

AC Adaptor/Charger for H series batteries (AC-VQH10)

Travel Charger (BC-TRP)

Wide Angle Conversion Lens (VCL-HGE07A)

Tripod (VCT-80AV)

Video Light (HVL-10NH)

Underwater Sports Pack (SPK-HCE)

GPS Unit (GPS-CS3KA)

UPC Code: 027242762855

1. 80GB equals 80 billion bytes, a portion of which is used for system management and/or application files. Available capacity is approximately 79.3GB.
3. Viewable area measured diagonally.
9. Requires Microsoft Windows XP SP3/ Windows Vista SP1, or Windows Vista. Not supported by Mac OS.
12. One Touch Disc Burn feature requires DVDirect burner or compatible PC with supplied PMB software (sold separately).

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